

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT:

(A) NAME: Synergen, Inc.
(B) STREET: 1885 33rd Street
(C) CITY: Boulder
(D) STATE: Colorado
(E) COUNTRY: USA
(F) POSTAL CODE (ZIP): 80301
(G) TELEPHONE: (303) 541-1380
(H) TELEFAX: (303) 541-1370

(ii) TITLE OF INVENTION: Inhibition of Retrovirus Infection

(iii) NUMBER OF SEQUENCES: 3

(iv) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

(v) CURRENT APPLICATION DATA:

APPLICATION NUMBER: US 08/209,040

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 60 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: protein

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

Leu Asp Pro Val Asp Thr Pro Asn Pro Thr Arg Arg Lys Pro Gly Lys
1 5 10 15
Cys Pro Val Thr Tyr Cys Cln Cys Leu Met Leu Asn Pro Pro Asn Phe
20 25 30
Cys Glu Met Asp Cys Cln Cys Lys Arg Asp Leu Lys Cys Cys Met Gly
35 40 45
Met Cys Gly Lys Ser Cys Val Ser Pro Val Lys Ala
50 55 60

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 180 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

CTGGATCTCG TTGACACCCC AACACCAACG ACCAGGAAGC CTGCGGAGTCG CCCAGTGACT

60

TATGGCCAT GTTGCATCCC TAACCCCCC AATTCTCTGC ACATGGATCC CCAGTCCAC 120
CCTGACTTCA ACTCTTCCAT CCCCATGTGT CCCAAATCCT CCCTTTCCCC TCTCAAACCT 180

(2) INFORMATION FOR SEQ ID NO: 3:

(1) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 60 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: protein

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

Leu Asp Pro Val Asp Thr Pro Asn Pro Thr Arg Arg Lys Pro Gly Lys
1 5 10 15
Cys Pro Val Thr Tyr Gly Cln Cys Xaa Xaa Xaa Asn Pro Pro Asn Phe
20 25 30
Cys Cln Xaa Asp Cln Cys Lys Arg Asp Leu Lys Cys Cys Xaa Gly
35 40 45
Xaa Cys Gly Lys Ser Cys Val Ser Pro Val Lys Xaa
50 55 60